

Form PTO-1449 Modified

Docket No.
CRNT-0020Serial No.
09/912,633List of Patent and Publications
Cited by Applicant

(Use several sheets if necessary)

Applicant
Paul A. KlineU.S. Department of Commerce
Patent and Trademark OfficeFiling Date
July 25, 2001Group
2817

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
LB	1	2,298,435	10/13/42	Tunick	250	15
	2	3,445,814	05/20/69	Spalti	340	151
	3	3,605,009	09/14/71	Enge	323	93
	4	3,641,536	02/08/72	Prosprich	340	870.15
	5	3,656,112	04/11/72	Paull	340	151
	6	3,702,460	11/07/72	Blose	340	150
	7	3,810,096	05/07/74	Kabat et al.	340	147 R
	8	3,911,415	10/07/75	Whyte	340	310
	9	3,942,168	03/02/76	Whyte	340	310.01
	10	3,962,547	06/08/76	Pattantyus-Abraham	179	2.5 R
	11	3,964,048	06/15/76	Lusk et al.	340	310 R
	12	3,967,264	06/29/76	Whyte et al.	340	310.08
	13	3,973,240	08/03/76	Fong	340	151
	14	4,004,110	01/18/77	Whyte	179	170 J
	15	4,016,429	04/05/77	Vercellotti et al.	307	149
	16	4,057,793	11/08/77	Johnson et al.	340	310 R
	17	4,060,735	11/29/77	Pascucci et al.	307	3
	18	4,119,948	10/10/78	Ward et al.	340	870.02
	19	4,188,619	02/12/80	Perkins	340	310 R
	20	4,239,940	12/16/80	Dorfman	179	2.51
	21	4,254,402	03/03/81	Perkins	340	310 R
✓	22	4,268,818	05/19/81	Davis et al.	340	870.38

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Examiner Initial		Document No.	Date	Name	Class	Subclass
LB	23	4,323,882	04/06/82	Gajjer	340	310 R
	24	4,357,598	11/02/82	Melvin, Jr.	340	310 A
	25	4,408,186	10/04/83	Howell	340	310 A
	26	4,442,492	04/10/84	Karlsson et al.	364	464
	27	4,457,014	06/26/84	Bloy	381	98
	28	5,485,040	01/16/96	Sutterlin	307	3
	29	4,468,792	08/28/84	Baker et al.	375	45
	30	4,495,386	01/22/85	Brown et al.	455	402
	31	4,569,045	02/04/86	Schieble et al.	370	85
	32	4,652,855	03/1987	Weikel	340	310
	33	4,675,648	06/23/87	Roth et al.	340	310.07
	34	4,683,450	07/28/87	Max et al.	333	202
	35	4,686,382	08/11/87	Shuey	307	149
	36	4,686,641	08/11/87	Evans	364	580
	37	4,697,166	09/29/87	Warnagiris et al.	340	310 R
	38	4,745,391	05/17/88	Gajjar	340	310 A
	39	4,746,897	05/24/88	Shuey	340	310 R
	40	B1 4,749,992	06/11/96	Fitzmeyer et al.	340	870.02
	41	4,766,414	08/23/88	Shuey	340	310 A
	42	4,785,195	11/15/88	Rochelle et al.	307	18
	43	4,800,363	01/24/89	Braun et al.	340	310 A
	44	4,835,517	05/30/89	van der Gracht et al.	340	310 A

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U. S. PATENT DOCUMENTS

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LB	45	4,903,006	02/02/90	Boomgaard	340	310 A
	46	4,973,940	11/27/90	Sakai et al.	340	310 R
	47	4,979,183	12/18/90	Cowart	375	142
	48	5,148,144	09/15/92	Sutterlin et al.	340	310 A
	49	5,185,591	02/09/93	Shuey	340	310 A
	50	5,257,006	10/26/93	Graham et al.	340	310A
	51	5,301,208	04/05/94	Rhodes	375	36
	52	5,319,634	06/07/94	Bartholomew et al.	370	18
	53	5,351,272	09/27/94	Abraham	375	38
	54	5,359,625	10/25/94	Vander Mey et al.	375	1
	55	5,369,356	11/29/94	Kinney et al.	324	142
	56	5,375,141	10/20/94	Takahashi	375	1
	57	5,406,249	04/11/95	Pettus	340	310.06
	58	5,410,720	04/25/95	Osterman	725	150
	59	5,426,360	06/20/95	Maraio et al.	324	126
	60	5,432,841	07/11/95	Rimer	455	457
	61	5,461,629	10/24/95	Sutterlin et al.	371	30
	62	5,497,142	03/05/96	Chaffanjon	340	310.06
	63	5,498,956	03/12/96	Kinney et al.	324	142
	64	5,559,377	09/24/96	Abraham	307	104
	65	5,579,221	11/26/96	Mun	364	188
	66	5,579,335	11/26/96	Sutterlin et al.	375	200

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AB	67	5,592,482	01/07/97	Abraham	348	8
	68	5,616,969	04/01/97	Morava	307	91
	69	5,630,204	05/13/97	Hylton et al.	455	3.3
	70	5,640,416	06/17/97	Chalmers	375	147
	71	5,664,002	09/02/97	Skinner, Sr.	379	56.2
	72	5,684,450	11/04/97	Brown	340	310.02
	73	5,691,691	11/25/97	Merwin et al.	340	310.02
	74	5,694,108	12/02/97	Shuey	340	310.01
	75	5,705,974	01/06/98	Patel et al.	340	310.08
	76	5,712,614	01/27/98	Patel et al.	340	310.03
	77	5,726,980	03/10/98	Rickard	370	293
	78	5,748,671	05/05/98	Sutterlin et al.	375	206
	79	5,774,526	06/30/98	Propp et al.	379	90.1
	80	5,777,544	07/07/98	Vander Mey et al.	340	310.06
	81	5,777,545	07/07/98	Patel et al.	341	310.06
	82	5,777,769	07/07/98	Coutinho	359	173
	83	5,796,607	08/18/98	Le Van Suu	364	140.01
	84	5,802,102	09/01/98	Davidovici	375	152
	85	5,805,053	09/08/98	Patel et al.	340	310.01
	86	5,828,293	10/27/98	Rickard	340	310.04
	87	5,835,005	11/10/98	Furukawa et al.	340	310.01
	88	5,847,447	12/08/98	Rozin et al.	257	678

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LB	89	5,856,776	01/05/99	Armstrong et al.	340	310.01
	90	5,864,284	01/26/99	Sanderson et al.	340	310.01
	91	5,870,016	02/1999	Shresthe	340	310.01
	92	5,880,677	03/09/99	Lestician	340	825.06
	93	5,881,098	03/09/99	Tzou	375	152
	94	5,892,430	04/06/99	Wiesman et al.	340	310.01
	95	5,929,750	07/27/99	Brown	340	310.02
	96	5,933,071	08/03/99	Brown	340	310.01
	97	5,933,073	08/03/99	Shuey	340	310.07
	98	5,937,003	08/10/99	Sutterlin et al.	375	208
	99	5,937,342	08/10/99	Kline	455	402
	100	5,963,585	10/05/99	Omura et al.	375	207
	101	5,978,371	11/02/99	Mason, Jr. et al.	370	389
	102	5,982,276	11/09/99	Stewart	340	310.01
	103	5,994,998	11/30/99	Fisher et al.	340	310.01
	104	6,023,106	02/08/00	Abraham	307	3
	105	6,037,678	03/14/00	Rickard	307	89
	106	6,040,759	03/21/00	Sanderson	340	310.01
	107	6,091,932	07/18/00	Langlais	455	5.1
	108	6,104,707	08/15/00	Abraham	370	295
	109	6,140,911	10/2000	Fisher et al.	340	310.01
	110	6,144,292	11/07/00	Brown	340	310.02

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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
LB	111	6,151,330	11/21/00	Lieberman	370	449
	112	6,157,292	12/05/00	Piercy et al.	340	310.01
	113	6,172,597 B1	01/09/01	Brown	340	310.02
	114	6,177,849 B1	01/23/01	Barsellotti et al.	333	177
	115	6,212,658 B1	04/03/01	Le Van Suu	714	749
	116	6,226,166 B1	05/01/01	Gumley et al.	361	118
	117	6,239,722 B1	05/29/01	Colton et al.	340	870.02
	118	6,282,405 B1	08/28/01	Brown	725	79
	119	6,297,729 B1	10/02/01	Abali et al.	340	310.01
	120	6,297,730 B1	10/02/01	Dickinson	340	310.01
	121	6,317,031 B1	11/13/01	Rickard	340	310.03
	122	6,331,814 B1	12/18/01	Albano et al.	340	310.01
	123	6,373,376 B1	04/16/02	Adams et al.	340	310.01
	124	6,396,391 B1	05/02	Binder	340	310.01
	125	6,396,392 B1	05/28/02	Abraham	340	310.01
	126	6,404,773 B1	06/11/02	Williams et al.	370	463
	127	6,407,987 B1	06/18/02	Abraham	370	295
	128	6,414,578 B1	07/02/02	Jitaru	336	170
	129	6,425,852 B1	07/30/02	Epstein et al.	600	13
	130	6,441,723 B1	08/27/02	Mansfield, Jr. et al.	340	310.01
	131	6,452,482 B1	09/17/02	Cern	340	310.01
✓	132	6,480,510 B1	11/02	Binder	370	502

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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
LR	133	6,486,747 B1	11/26/02	DeCramer et al.	333	25
	134	6,496,104 B2	12/17/02	Kline	340	310.01
	135	6,504,357 B1	01/07/03	Hemminger et al.	340	310.01
	136	2001/0038329 A1	11/08/01	Diamanti et al.	340	310.01
	137	2001/0038343 A1	11/08/01	Meyer et al.	340	870.02
	138	2001/0052843 A1	12/20/01	Wiesman et al.	340	310.01
	139	2001/0054953 A1	12/27/01	Kline	340	310.01
	140	2002/0010870 A1	01/24/02	Gardner	713	300
	141	2002/0014884 A1	02/07/02	Chung	324	74
	142	2002/0027496 A1	03/07/02	Cern	340	310.01
	143	2002/0041228 A1	04/11/02	Zhang	340	310.01
	144	2002/0060624 A1	05/23/02	Zhang	340	310.01
	145	2002/0071452 A1	06/13/02	Abraham	370	480
	146	2002/0080010 A1	06/27/02	Zhang	340	310.06
	147	2002/0095662 A1	07/18/02	Ashlock et al.	717	136
	148	2002/0098867 A1	07/25/02	Meiksen et al.	455	560
	149	2002/0105413 A1	08/08/02	Cern	340	310.01
	150	S.N. 09/765,910	01/19/01	Kline	—	—
	151	S.N. 09/805,638	03/14/01	Kline	—	—
	152	S.N. 09/837,972	04/19/01	Kline et al.	—	—
	153	S.N. 09/924,730	08/08/01	Kline	—	—
	154	S.N. 10/016,998	12/14/01	Kline	—	—

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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
LB	155	S.N. 10/036,914	12/21/01	Mollenkopf et al.	—	—
	156	S.N. 10/075,708	02/14/02	Kline	—	—
	157	S.N. 10/075,332	02/14/02	Kline	—	—
	158	S.N. 10/150,694	05/16/02	Gidge	—	—
	159	S.N. 10/165,992	06/10/02	Kline	—	—
	160	S.N. 10/176,500	06/21/02	Pridmore, Jr. et al.	—	—
	161	S. N. 10/293,799	11/13/02	Huebner	—	—
	162	S.N. 10/292,745	11/12/02	Cope et al.	—	—
	163	S.N. 10/292,714	11/12/02	Cope	—	—
	164	S.N. 10/315,725	12/10/02	Cope et al.	—	—
	165	S.N. 10/319,317	12/13/02	Mollenkopf et al.	—	—
	166	S.N. 10/348,164	01/21/03	Cope et al.	—	—
	167	S.N. 10/385,899	03/10/03	Mollenkopf	—	—

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FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
LB	168	197 28 270 A1	01/07/99	DE	X abstract	
	169	0 470 185 B1	11/29/95	EP		
	170	0 581 351 A1	02/02/94	EP		
	171	0 913 955 A2	05/06/99	EP	X abstract	
	172	0 916 194 B1	09/26/01	EP		
	173	0 959 569 A1	11/24/99	EP	X abstract	
	174	1 011 235 A2	6/21/00	EP		
	175	1 011 235 A3	05/02/02	EP		
	176	1 014 640 A2	06/28/00	EP		
	177	1 014 640 A3	07/03/02	EP		
	178	1 021 866 B1	10/23/02	EP		
	179	2 122 920 A1	12/16/98	ES	X abstract	
	180	2 293 950 A	04/10/96	GB		
	181	2 315 937 A	02/11/98	GB		
	182	2 331 683 A	05/26/99	GB		
	183	2 335 335 A	09/15/99	GB		
	184	2 341 776 A	03/22/00	GB		
	185	2 342 264 A	04/05/00	GB		
	186	2 347 601 A	09/06/00	GB		
	187	1276933	11/07/89	JP		
	188	95/29536 A1	11/02/95	WO		
✓	189	98/01905 A1	01/15/98	WO		

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Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
AB	190	98/33258 A2	07/30/98	WO		
	191	98/33258 A3	07/30/98	WO		
	192	98/40980 A1	09/17/98	WO		
	193	00/59076 A1	10/05/00	WO		
	194	00/60701	10/12/00	WO		
	195	01/43305 A1	06/14/01	WO	X abstract	
	196	01/82497 A1	11/01/01	WO		
	197	02/054605 A1	07/11/02	WO		

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DATE CONSIDERED

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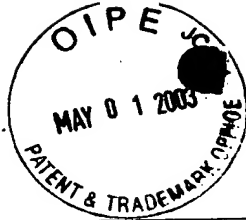


Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. CRNT-0020	Serial No. 09/912,633
	Applicant Paul A. Kline	
	Filing Date July 25, 2001	Group 2817

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AB	198	Patent Abstracts of Japan, Japanese Publication No. 10200544 A2, published July 31, 1998 , (Matsushita Electric Works, LTD)
	199	Power Line Communications Conference entitled, "PLC, A New Competitor in Broadband Internet Access," December 11-12, 2001 , Washington, D.C., 60 pages
	200	Rivkin, S. R., "Co-Evolution of Electric & Telecommunications Networks," <i>The Electricity Journal</i> , May 1998 , 71-76
	201	Marketing Assessment Presentation entitled "Powerline Telecommunications," The Shpigler Group for CITI PLT, July 16, 2002 , 9 pages
	202	Campbell, C., presentation entitled "Building a Business Case for PLC: Lessons Learned From the Communication Industry Trenches," KPMG Consulting, July 16, 2002 , 5 pages
	203	"Embedded Power Line Carrier Modem," Archnet Electronic Technology, http://www.archnetco.com/english/product/ATL90.htm , 2001 , 3 pages
	204	"Archnet: Automatic Meter Reading System Power Line Carrier Communication", www.archnetco.com/english/product/product_sl.htm , 3 pages
	205	"Power Line Communications Solutions", www.echelon.com/products/oem/transceivers/powerline/default.htm , 2 pages
	206	"Texas Instruments: System Block Diagrams; Power Line Communication (Generic)", http://focus.ti.com/docs/apps/catalog/resources/blockdiagram.jhtml?bdId=638 , 1 page
	207	Feduschak, N.A., "Waiting in the Wings: Is Powerline Technology Ready to Compete with Cable?", March 2001 , www.cabletoday.com/ic2/archives/0301/0301powerline.htm , 5 pages
	208	"Signalling on Low-Voltage Electrical Installations in the Frequency Band 3kHz to 148.5kHz-Part 4: Filters at the Interface of the Indoor and Outdoor Electricity Network", <i>CLC SC 105A (Secretariat)</i> May 1992 , 62, 1-11
	209	"Intellon Corporation Test Summary for Transformerless Coupler Study", <i>Intellon No News Wires</i> , December 24, 1998 , DOT/NHTSA Order No. DTNH22-98-P-07632, pp 1-18
	210	EMETCON <i>Automated Distribution System</i> , ABB Power T & D Company, Inc., January 1990 , Raleigh, North Carolina, No B-919A, 14 pages
	211	"Dedicated Passive Backbone for Power Line Communications", <i>IBM Technical Disclosure Bulletin</i> , July 1997 , 40(7), 183-185

EXAMINER Leo Boutsi KarisDATE CONSIDERED 8/6/03



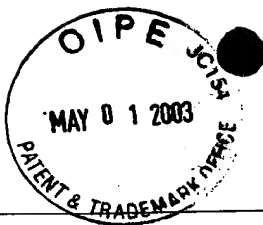
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U.S. Department of Commerce Patent and Trademark Office		Filing Date July 25, 2001	Group 2817
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
LB	212	Coaxial Feeder Cables [Engineering Notes]", <i>PYE Telecommunications Limited Publication Ref No. TSP507/1, June 1975</i> , Cambridge, England, 15 pages	
	213	"Centralized Commercial Building Applications with the Lonworks® PLT-21 Power Line Transceiver", <i>Lonworks Engineering Bulletin</i> , Echelon, April 1997, pp 1-22	
	214	"Plexeon Logistics, Inc., "Power Line Communications", www.plexeon.com/power.html , 2 pages	
	215	"EMETCON Automated Distribution System: Communications Guide", <i>Westinghouse ABB Power T & D Company Technical Manual 42-6001A</i> , September 1989, 55 pages	
	216	Abraham, K.C. et al., "A Novel High-Speed PLC Communication Modem", <i>IEEE Transactions on Power Delivery</i> , 1992, 7(4), 1760-1768	
	217	J.M. Barstow., "A Carrier Telephone System for Rural Service", <i>AIEE Transactions</i> , 1947, 66, 301-307	
	218	Chang, S.S.L., "Power-Line Carrier", <i>Fundamentals Handbook of Electrical and Computer Engineering</i> , Volume II-Communication, Control, Devices and Systems, John Wiley & Sons, 617-627	
	219	Chen, Y-F. et al. "Baseband Transceiver Design of a 128-Kbps Power-Line Modem for Household Applications", <i>IEEE Transactions on Power Delivery</i> , 2002, 17(2), 338-344	
	220	Coakley, N.G. et al., "Real-Time Control of a Servosystem Using the Inverter-Fed Power Lines to Communicate Sensor Feedback", <i>IEEE Transactions on Industrial Electronics</i> , 1999, 46(2), 360-369	
	221	Esmailian, T. et al., "A Discrete Multitone Power Line Communication System", <i>Department of Electrical and Computer Engineering</i> , University of Toronto, Ontario Canada, 2000 IEEE, pp 2953-2956	
	222	Kawamura, A. et al., "Autonomous Decentralized Manufacturing System Using High-speed Network with Inductive Transmission of Data and Power", <i>IEEE</i> , 1996, 940-945	
	223	Kilbourne, B. "EEI Electric Perspectives: The Final Connection", www.eei.org/ep/editorial/Jul-01/0701conenct.htm , 7 pages	
✓	224	Kim, W-O., et al., "A Control Network Architecture Based on EIA-709.1 Protocol for Power Line Data Communications", <i>IEEE Transactions on Consumer Electronics</i> , 2002, 48(3), 650-655	

EXAMINER

Leo Bouts, Karis

DATE CONSIDERED

8/6/03

**Form PTO-1449 Modified**

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
CRNT-0020

Serial No.
09/912,633

Applicant
Paul A. Kline

Filing Date
July 25, 2001

Group
2817

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

LR	225	Lim, C.K. et al., "Development of a Test Bed for High-Speed Power Line Communications", School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore, <i>IEEE</i> , 2000, 451-456
	226	Lokken, G. et al., "The Proposed Wisconsin electric Power Company Load Management System Using Power Line Carrier Over Distribution Lines", 1976 <i>National Telecommunications Conference, IEEE</i> , 1976, 2.2-12.2-3
	227	Marthe, E. et al., "Indoor Radiated Emission Associated with Power Line Communication Systems", <i>Swiss Federal Institute of Technology Power Systems Laboratory IEEE</i> , 2001, 517-520
	228	Naredo, J.L. et al., "Design of Power Line Carrier Systems on Multitransposed Delta Transmission Lines", <i>IEEE Transactions on Power Delivery</i> , 1991, 6(3), 952-958
	229	Nichols, K., "Build a Pair of Line-Carrier Modems", <i>CRC Electronics-Radio Electronics</i> , 1988, 87-91
	230	Okazaki, H. et al., "A Transmitting, and Receiving Method for CDMA Communications Over Indoor Electrical Power Lines", <i>IEEE</i> , 1998, pp VI-522-VI-528
	231	B. Don Russell, "Communication Alternatives for Distribution Metering and Load Management", <i>IEEE Transactions on Power Apparatus and Systems</i> , 1980, Vol PAS-99(4), pp 1448-1455
	232	Sado, WN. et al., "Personal Communication on Residential Power Lines- Assessment of Channel Parameters", <i>IEEE</i> , 532-537
	233	International Search Report dated May 2, 2001, from PCT/US01/01810
	234	International Search dated July 16, 2001, from PCT/US01/12699
	235	International Search Report dated October 22, 2001, from PCT/US01/12291
	236	International Search Report dated June 5, 2002, from PCT/US01/48064
	237	Written Opinion dated May 15, 2002, from PCT/US01/12699
	238	International Search Report dated June 24, 2002, from PCT/US02/04310
✓	239	International Search Report dated August 7, 2002, from PCT/US02/04300

EXAMINER

Leo Butsikaris

DATE CONSIDERED

8/6/03

**Form PTO-1449 Modified**List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)U.S. Department of Commerce
Patent and Trademark OfficeDocket No.
CRNT-0020Application No.
09/912,633Applicant
Paul A. KlineFiling Date
July 25, 2001Group
2817**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
LB	240	5,066,939	11/19/91	Mansfield, Jr.	340	310 R
LB	241	5,533,054	07/02/96	DeAndrea et al.	375	286
LB	242	5,598,406	01/28/97	Albrecht et al.	370	296

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

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DATE CONSIDERED

8/6/03